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54 Measurement of electroactive species in solution.

57 In order to improve the sensitivity of electrochemical assays based on an electrochemical system capable of generating a current, where the system comprises as components an enzyme, a substrate, and a mediator, with the mediator mediating transfer of electrons between the enzyme and an electrode while the enzyme is catalysing a reaction of the substrate, the mediator is indirectly linked with the electrode by a compound capable of accumulating electrical charge for measurement after a delay period.

EP 0 241 309 A3

EP 87 30 3166

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 4)
D,A	EP-A-0 125 867 (GENETICS INTERNATIONAL INC.) ---		G 01 N 33/53 G 01 N 27/00 C 12 Q 1/00 C 12 M 1/40
D,A	EP-A-0 125 137 (GENETICS INTERNATIONAL INC.) ---		
D,A	EP-A-0 127 958 (GENETICS INTERNATIONAL INC.) -----		
			TECHNICAL FIELDS SEARCHED (Int. Cl. 4)
			G 01 N C 12 M
The present search report has been drawn up for all claims			
Place of search	Date of completion of the search	Examiner	
THE HAGUE	22-01-1990	CARTAGENA Y ABELLA P.	
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ----- & : member of the same patent family, corresponding document	
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			